

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-35 (cancelled)

36. (new) A reinforcement unit for reinforcing a footing element when laying pile foundations with a foundation pile with at least one through-going longitudinal cavity, comprising:

shaped and articulated reinforcement members that are pivotally connected to a centrally arranged, annular element, so that the reinforcement unit has a folded mounting position and an extended position of use, and the reinforcement unit being connected to the foundation pile by at least one tension member, wherein the reinforcement unit in the folded mounting position passes through the at least one through-going longitudinal cavity of the foundation pile.

37. (new) A reinforcement unit according to claim 36, wherein the tension members comprise one of wires, cables, threaded rods or round bar iron with a bolt end.

38. (new) A reinforcement unit according to claim 36, wherein the reinforcement unit includes pipes, wherein the at least one tension member is disposed through each pipe and fastened to a lower end of each pipe and at least one reinforcement element has a means for fastening the at least one tension member to one of the pipes.

39. (new) A reinforcement unit according to claim 38, wherein the reinforcement unit includes retainer elements, the retainer elements being fastened to an upper end of at least one of the pipes and are provided with a cross-sectional shape with at least one retaining surface.

40. (new) A reinforcement unit according to claim 38, including a whole or partial eye connection between one of the pipes and at least one of the reinforcement members.

41. (new) A reinforcement unit according to claim 38, wherein the means for fastening is at least one of a bolt joint, a press joint or a weld.

42. (new) A reinforcement unit according to claim 36, including retainer elements that are fastened to a joining arrangement in the at least one tension member and are provided with a cross-sectional shape with at least one retainer surface.

43. (new) A reinforcement unit according to claim 42, comprising:
a connecting arrangement in the at least one tension member is one of a spigot-and-socket joint, a press joint or a plate and bolt joint.

44. (new) A reinforcement unit according to claim 36, comprising:
means for expanding the reinforcement members, which is one of a spring ring, an eye connection, an explosion unit or a spreading element.

45. (new) A reinforcement unit according to claim 36, wherein the reinforcement members are annular so that both ends of the reinforcement members are movably arranged around a centrally arranged annular element.

46. (new) A reinforcement unit according to claim 36, wherein the reinforcement elements are each shaped as a segment of a ring so that when the reinforcement unit is folded, a ring is formed corresponding to an inner diameter of the at least one through-going longitudinal cavity in the foundation pile, and when the reinforcement unit is expanded, a circular ring is formed having a diameter equal to or greater than a diameter of a bottom of the foundation pile.

47. (new) A reinforcement unit according to claim 36, wherein the reinforcement members are formed by a network of rods or wires.

48. (new) A foundation pile with a footing element, which is reinforced with a reinforcement unit according to claim 36, wherein the footing element includes a pile foot and the reinforcement unit or the pile foot is connected with the foundation pile with the at least one tension member.

49. (new) A foundation pile according to claim 48, wherein the foundation pile includes through-going, longitudinal side ducts disposed with substantially uniform spacing from a cross-sectional center of the foundation pile, each side duct there being provided with a tension member, each tension member is fastened downwards by means for fastening to a reinforcement unit including the pile foot, and the pile foot is releasably connected to cylindric part of the foundation pile by the tension members.

50. (new) A foundation pile according to claim 48, wherein the at least one tension members has at least one free section between a lower edge of the foundation pile and the pile foot.

51. (new) A foundation pile according to claim 48, wherein the means for fastening the at least one tension member to the pile foot is at least one of a bolt joint, a press joint, a sleeve, a casting or U-shaped duct provided inside the pile foot through which a tension member may be passed.

52. (new) A foundation pile according to claim 48, wherein the pile foot upwardly has a top element which corresponds in cross-sectional shape to at least one through-going longitudinal cavity, and the top element has a tapering shape upwardly which is symmetric about the center line of the pile foot.

53. (new) A foundation pile according claim 48, wherein the pile foot is provided downwardly with a tapering shape or a flat disc shape.

54. (new) A foundation pile according to claim 52, wherein a folded reinforcement unit is provided at a lower end of the through-going longitudinal

cavity, including articulated reinforcement members that at one end are movably arranged around a centrally arranged annular element, and a free end of each reinforcement member is shaped so that an end at least projects over a center line of the top element of the pile foot.

55. (new) A foundation pile according to claim 50, wherein recesses are provided in the pile foot or the lower part of a cylindric section of the foundation pile for accommodating a free section of the at least one tension members.

56. (new) A foundation pile according to claim 48, wherein at least one through-going longitudinal cavity is connected at least one point with a outer side of the foundation pile by at least one transverse and downward directed filling ducts.

57. (new) A foundation pile according to claim 45, wherein the foundation pile has at least one external reinforcement.

58. (new) A foundation pile according to claim 56, wherein the at least one through-going longitudinal cavity of the foundation pile has a screw thread at an upper section.

59. (new) A foundation pile according to claim 36, including an adapter formed with a first mounting ring for fastening to a foundation arrangement and a second mounting ring for fastening to a tower member, wherein the first and second mounting rings are connected with at least one connecting element.

60. (new) A method for placing a foundation pile according to claim 48, and reinforcing footing element with a reinforcement unit according to claim 44, wherein the foundation pile is placed in a position, by one of pressing, driving down, or by placing in pre-drilled holes, wherein a folded reinforcement unit is pressed down through the at least one through-going longitudinal cavity in the foundation pile, when the reinforcement unit reaches

the bottom of the foundation pile, the reinforcement unit is pressed a distance farther down, and the means for expanding the reinforcement members are activated, thereby forming a network of the reinforcement members, and a curable filler is pressed down through the at least one through-going longitudinal cavity in the foundation pile, so that a lower part of the foundation pile and the expanded reinforcement unit are cast together to a reinforced footing element with a larger dimension than a outer dimension of the foundation pile.

61. (new) A method according to claim 60, wherein after placing the foundation pile, the pile foot is pressed or driven farther down with a piston or a driving tool, wherein a distance between the pile foot and a lower part of the foundation footing corresponds at the most to a length of a free section of the at least one tension member.

62. (new) A method according to claim 60, wherein depending on ground conditions, before pressing a folded reinforcement unit down, there is formed a cavity under a lower part of the foundation pile with a ground preparation unit.

63. (new) A method according to claim 62, wherein the reinforcement unit, when reaching a bottom of the foundation pile, is pressed down into the cavity until retainer members at an upper part of the reinforcement unit fall to a position against an inner side of the foundation pile, and subsequently the reinforcement members are pulled to ensure that the reinforcement unit and a bottom of the foundation pile are joined.

64. (new) A method according to claim 62, wherein the means for expanding the reinforcement members is a spring ring, so that pipes are pressed outwards, and the reinforcement member by an eye connection, is forced outwards, so that a network of the pipes, reinforcement members and a centrally arranged annular element is formed.

65. (new) A method according to claim 62, wherein the means for

expanding the reinforcement members is a spreading element arranged controlling the reinforcement members of the reinforcement unit when falling outwards due to force of gravity when the reinforcement unit reaches the cavity under the foundation pile, so that a network of reinforcement members and the centrally arranged annular element is formed.

66. (new) A method according to claim 62, wherein the expansion of the reinforcement members occurs when a piston is pressed down on an annular element of the reinforcement unit, after which the reinforcement members are passed through a connection mounted between pipes and the reinforcement members, whereby the reinforcement members are pressed outwards.

67. (new) A method according to claim 62, wherein the means of expansion is an exploding unit, whereby the reinforcing members are pressed outwards as a consequence of the explosion.

68. (new) A method according to claim 62, wherein formation of a cavity in connection with a lower part of a cylindric foundation pile comprising:
passing a ground preparation unit down through the working duct;
the works a surrounding earth layer under the foundation pile with a ground preparation unit;
a cavity is formed out from the foundation pile; and
the ground preparation unit is drawn up through the working duct.

69. (new) A method according to claim 62, wherein curable filler is injected through the at least one longitudinal cavity and out through filler ducts connected therewith forming at least one beads around an outer circumference of the foundation pile.

70. (new) A method according to claim 62, wherein liquid impeding filler material is injected into the cavity under the foundation pile before placing the reinforcement unit and casting the footing element.